

Emission Summary

Permit Number: 069971P

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐ **Permit Status:** New ☐ Renewal ☐

PSD ☐ NSPS ☒ NESHAPs ☐ **Previous Permit Number:** Construction 969552P Operating _____

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP	neg		0.41			0.1	+0.1	3/3/15	3	06-.02(2)
SO ₂	neg		neg			neg	+2.8 x 10 ⁻³	3/3/15	3	14-.03(5)
CO	8.74		67.35			16.84	+16.84	3/3/15	5	40 CFR 60.4233(c)
VOC	0.26		1.74 combined			0.08	+0.08	3/3/15	5	40 CFR 60.4233(c)
NO _x	1.20					0.35	+0.35	3/3/15	5	40 CFR 60.4233(c)
CO _{2e}							+23	3/3/15	5	

* - Source of data

Allowable tons use the default 500 hr/yr operation per the Seitz memo.

Actual emissions CO, VOC, and NO_x calculated from EPA certification data; PM and SO₂ calculated from AP-42.

HC are assumed to equal VOC, though likely contains some non-VOC gaseous emissions such as methane.

The engine spec sheet shows the combination of NO_x and HC emissions to be comprised of approximately 82% NO_x and 18% HC. Based on this ratio, the individual NO_x and HC (VOC) allowable emission rates are estimated from the combined 0.43 tons per year allowable.

PERMITTING PROGRAM: EWK

DATE: March 30, 2015